

Work Order ID 140200

140200

Page 1

Thursday, December 17, 2015 3:44:13 PM

Item ID: D119-827-011 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Tail Rotor Pedal Lockout

Start Date: 12/10/2015 Start Qty: 2.00 *2*

Required Date: 12/17/2015 Req'd Qty: 2.00 *2*

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: MCS Date: JAN 04 2016 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D119-827	D								
100	Document Control	0.00	DAS	6					
100	DOCUMENT CONTROL		9-89						
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D119-827-011 CHG002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MCS 1402-26

2X DAS 27 9-89 MAR 07 2016

2 FEB 26 2016

DAS 6 9-89

DAS 28 9-89

2X DAS 27 9-89 MAR 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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Work Order ID 140200***140200***

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Item ID: D119-827-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Tail Rotor Pedal Lockout

Start Date: 12/10/2015 Start Qty: 2.00

2

Cust Item ID:

Required Date: 12/17/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D119-827-011 Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

BAS
27
9-89

MAR 07 2016

MAR 07 2016

MAR 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 1

Work Order ID: 140200

140200

Parent Item: D119-827-011

D119-827-011

Parent Item Name: Tail Rotor Pedal Lockout

Start Date: 12/10/2015

Required Date: 12/17/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 12.10.16 AS PER DWG REV.A DD VERF:JFS IPP
REV:B 13-01-09 REV B JLM VERIFIED:DD IPP REV:C
12.10.16 as per CHG002 (ecn 13-538) DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4704-041		Manufactured	No			110	Each	3.0000	1	2			DAS 6 9-89
D4704-041									**				DAS 28 9-89
Expandable Pin Assembly													
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST120	3				2			
					138379	3							
D4703-041		Manufactured	No			110	Each	0.0000	2	4			DAS 6 9-89
D4703-041									**				DAS 28 9-89
Lock Pin Assembly										138343X4			
D4710-1		Manufactured	No			110	Each	4.0000	1	2			DAS 6 9-89
D4710-1									**				DAS 28 9-89
Spacer													
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST120	4				2			
					127249	4							
D4721-1		Manufactured	No			110	Each	10.0000	1	2			DAS 6 9-89
D4721-1									**				DAS 28 9-89
Decal													
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST121	10				2			
					135997	10							
													DAS 6 9-89

FEB 26 2016

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
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LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

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Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
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Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
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Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

Picklist Print

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Work Order ID: 140200

140200

Parent Item: D119-827-011

D119-827-011

Parent Item Name: Tail Rotor Pedal Lockout

Start Date: 12/10/2015

Required Date: 12/17/2015

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0416J Purchased No

110 Each 4,503.000 2 4

NAS1149D0416.I

WASHER

Location Loc Qty Loc Code

GA 317

m131511 317

ST260a 1986

m131511 1986

ST270 2200

m131511 2200

NAS1149D0463J Purchased No

110 Each 2,818.000 8 16

NAS1149D0463.I

WASHER

Location Loc Qty Loc Code

GA 432

M129390 41

M132035 391

ST263 952

M133284 42

M133316 910

ST269 1434

M129682 39

M130799 371

M132317 101

M132677 888

M133077 35

NAS6604D16 Purchased No

110 Each 35.0000 2 4

NAS6604D16

Bolt

Location Loc Qty Loc Code

ST262 35

m131616 35

DAS
6
9-89
DAS
28
9-89

DAS
6
9-89
DAS
28
9-89

FEB 26 2016

DAS
28
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DAS
6
9-89

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Shop Packet Print

DQA: _____ Date: _____



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		OTHER : ☐							

4.0 PARTS LIST

-011	Part Number	Description
X	D119-827-011	TAIL ROTOR PEDAL LOCKOUT
1	D4704-041	EXPANDABLE PIN ASSY
2	D4703-041	LOCKOUT PIN ASSY
1	D4710-1	SPACER
1	D4721-1	DECAL
2	AN4-11A	BOLT
2	MS14144L4	NUT
2	MS24665-153	COTTER PIN
2	NAS1149D0416J	WASHER
8	NAS1149D0463J	WASHER
2	NAS6604D16	BOLT

5.0 WEIGHT AND BALANCE

The following are the net weight increases associated with D119-827-011 kit.

Installation	Weight	Longitudinal		Lateral	
		Arm	Moment	Arm	Moment
D119-827-011 ON A109/A119 MODELS	0.52 lb 0.23 kg	32.6 in 0.83 m	16.9 in-lb 0.19 m-kg	-13.1 in -0.33 m	-6.8 in-lb -0.08 m-kg
D119-827-011 ON 206/407 MODELS	0.52 lb 0.23 kg	33.0 in 0.84 m	17.2 in-lb 0.19 m-kg	-12.5 in -0.32 m	-6.5 in-lb -0.07 m-kg